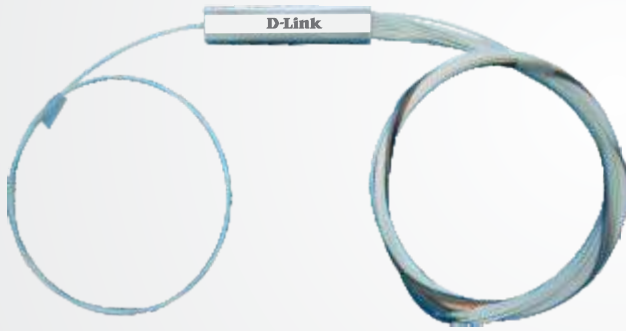


PLC SPLITTER - TUBE TYPE



Planar Light Circuit (PLC) splitters exhibit uniform signal splitting for FTTH and PON network. It is fabricated using silica optical waveguide technology.

Splitters come with SC adapter. It meets GR-1209 and GR-1221 standard for performance and reliability.

KEY FEATURES

- Quartz substrate integrated waveguard
- Good Uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- High Reliability
- Channel-to-Channel uniformity
- Small size

APPLICATIONS

- FTTX(FTTP, FTTH, FTTN, FTTC)
- Passive Optical Networks(PON)
- Local Area Networks (LAN)
- Test Equipment
- Monitoring system

SPECIFICATIONS

Parameter	1 x 2	1 x 4	1 x 8	1 x 16	1 x 32	1 x 64	2 x 2	2 x 4	2 x 8	2 x 16	2 x 32	2 x 64
Wavelength (nm)	1260-1650											
Max. Insertion Loss (dB)	3.8/4.1	7.0/7.4	10.0/10.3	13.5/ 13.7	16.5/ 16.9	21	4.1/4.3	7.3/7.6	10.3/10.5	13.7/ 13.9	16.8/ 17.2	21.5
Max. Loss Uniformity (dB)	0.6	0.6	0.8	1.2	1.5	2.5	0.8	0.8	1.5	2.0	1.5	2.5
Max. PDL (dB)	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.2	0.4	0.4	0.4	0.4
Return Loss (dB)	≥50											
Directivity (dB)	≥55											
Pigtail Length (m)	1.2 (± 0.1), customer specified											
Fiber Type	Corning SMF-28e, customer specified											
Operating Temperature (°C)	-40 - +85											

All measurements were done at room temperature and specifications exclude connectors

ORDERING INFORMATION

Part Code	Description	Part Code	Description
NFS-FSSSC1-2-T	1 x 2 PLC splitter – Tube type	NFS-FSSSC2-2-T	2 x 2 PLC splitter – Tube type
NFS-FSSSC1-4-T	1 x 4 PLC splitter – Tube type	NFS-FSSSC2-4-T	2 x 4 PLC splitter – Tube type
NFS-FSSSC1-8-T	1 x 8 PLC splitter – Tube type	NFS-FSSSC2-8-T	2 x 8 PLC splitter – Tube type
NFS-FSSSC1-16-T	1 x 16 PLC splitter – Tube type	NFS-FSSSC2-16-T	2 x 16 PLC splitter – Tube type
NFS-FSSSC1-32-T	1 x 32 PLC splitter – Tube type	NFS-FSSSC2-32-T	2 x 32 PLC splitter – Tube type
NFS-FSSSC1-64-T	1 x 64 PLC splitter – Tube type	NFS-FSSSC2-64-T	2 x 64 PLC splitter – Tube type